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# SUMMARY OF ACTIVITIES

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**Meat Inspection  
Division  
1964**



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Agricultural Research Service  
U. S. DEPARTMENT OF AGRICULTURE

## SUMMARY OF ACTIVITIES, MEAT INSPECTION DIVISION, 1964

### Work Performed During Fiscal Year Ended June 30, 1964

This marks the 58th year of continuous meat inspection service under the provisions of the Meat Inspection Act approved June 30, 1906. At that time, inspection was maintained in 163 establishments located in 58 cities. At the end of the fiscal year, inspections were being conducted in 1,679 establishments located in 702 cities and towns. Of this number, 575 were slaughtering establishments and 1,104 establishments engaged in meat processing only.

The Meat Inspection Division, during fiscal year 1964, engaged principally in:

- The examination of food animals, including cattle, calves, sheep, swine, goats, and horses, prior to slaughter to eliminate those animals found to be affected with diseases or other unwholesome conditions.
- A thorough post-mortem examination of each carcass at time of slaughter to detect and eliminate diseased and otherwise unfit meat.
- Guarding against residues in meat resulting from ingestion, treatment with, or similar exposure of animals to such substances as pesticides, chemicals, growth-promoting substances, drugs, or biologicals.
- Destruction for food purposes of all diseased, unsound, or otherwise unwholesome meat and meat-food products.
- Supervision of the preparation of meat and meat-food products to assure their cleanliness and wholesomeness during their preparation into articles of food.
- Guarding against the use of harmful preservatives and other deleterious ingredients.
- Supervision of the application of marks to meat and meat-food products to show that they are "U.S. Inspected and Passed."
- Supervision of the application of informative labeling and prevention of the use of false and deceptive labeling on meat and meat-food products.
- Certification of meat and meat-food products for export.
- Inspection of meat and meat-food products offered for importation into this country.
- Examination of meat and meat-food products for compliance with specification requirements of governmental purchasing agents.
- Such investigations as are necessary to insure the accuracy and effectiveness of the inspection procedures.
- Supervision of the manufacture and labeling of process or renovated butter.
- Developing and determining acceptable methods for humane slaughter of meat animals.

The Biological Sciences Laboratories evaluated, tested, and diagnosed a total of 19,949 specimens and samples during the fiscal year. This includes enzymological, histopathological, microbiological, parasitological, and serological examinations. These services are utilized in evaluating proposals for new procedures, processes, products, and methods, and in assisting field personnel in making the proper disposition of food animals, their carcasses, and products thereof.

The Chemical Evaluation and Control Laboratory staff reviewed numerous proposals to use new chemical additives, packaging materials, miscellaneous substances, and new processing procedures. Various resources were utilized for scientific information in evaluating new chemical additives or processing procedures. Acceptance of additives, proposals, materials, or procedures depends on appraisal of available scientific data and results of required studies. In requiring toxicity studies and chemical investigations where appropriate in determining suitability of the proposal, this staff prescribed the nature and scope of studies to be undertaken and appraised data obtained. Technical direction was given to the Radiation Laboratory, Residues and Methods Development Laboratory, and the seven Chemical Control Laboratories of the Division. During the year, action was initiated to expand the facilities of the St. Louis, San Francisco, and Washington laboratories, and to re-establish a chemical control laboratory in Omaha.

The laboratories mentioned above examined a total of 167,630 samples of meat and meat-food products and materials used in conjunction with the processing of meat and meat-food products to determine if products or materials were in compliance with Meat Inspection Division requirements or other Federal specifications. Included in the above total were 21,879 samples examined for Commodity Stabilization Service on a reimbursable basis. Of those examined for Meat Inspection Division requirements, 9,198 were found not to be in compliance because of adulteration, unfitness for food, or other deviation from the Division's requirements. At the instigation of the Office of Chemical Evaluation and Control, a program was designed to permit the inspector to use the findings of packer laboratories or other commercial laboratories on official samples as a basis for disposition of product. The accuracy and dependability of the findings of the commercial laboratories were first established by a check program of sample analysis with the Chemical Control laboratories. After the packer or commercial laboratory is once approved, a continuous check of their findings is maintained.

The Contracts and Enforcement staff administered an examination service for specification and/or contract compliance for products purchased by Federal Government agencies. Predominantly, this work is done within federally inspected establishments, but it may be accomplished on other premises. United States Department of Agriculture purchasing programs involving substantial quantities of meat and meat-food products are serviced in this connection. Other Federal agencies using this service included Departments of Defense, Commerce; Interior; Health, Education and Welfare; and Justice; and independent agencies such as General Services Administration and Veterans Administration. This service is provided on a reimbursable basis.

Trained investigators check on alleged violators of the meat laws. Most of these violations consist of illegal interstate movement of nonfederally inspected meats. In most cases, compliance is gained through personal visits and informative distribution of requirements rather than court action. Enforcement procedures consisted of cautionary letters issued to 268 persons or firms, 59 cases presented for criminal prosecution, and 17 cases successfully prosecuted.

Meat inspection regulations of foreign countries were reviewed to determine whether they were substantially equivalent to ours. This is done in connection with the request of foreign countries that their meat be eligible for importation into the United States. Staff members visited 15 foreign countries to evaluate their national meat inspection systems in actual operation.

The Employee Development and Training office assigned one additional Meat Inspection veterinarian to a veterinary college during the fiscal year for advanced training and teaching. This makes a total of six veterinarians assigned in this capacity under the authority of the 1958 Training Act. The cost of the program is shared by the veterinary college and the Division.

One hundred and thirty-two employees attended classes at the Meat Hygiene Training Center in Chicago. Advanced and Veterinary Meat Hygiene courses as well as Supervisory Preparatory courses were continued during the fiscal year. A new course, Management Workshop, was introduced at the Training Center. This course is in the area of personnel administration and management as they apply to the problems of operating Meat Inspection field stations. There were 345 employees in training for 18,263 hours in courses given by the Agricultural Research Service, the Department, Civil Service, General Services Administration, and private organizations.

There were established in May 1964, three veterinary training stations located at St. Louis, Omaha, and St. Paul. All newly employed veterinarians are detailed for 12 weeks of concentrated training in ante-mortem and post-mortem inspections and related duties. Specially designated veterinary instructors follow a standard training outline to develop the new employees. At these training stations the new veterinary employee can learn to inspect all species of food animals under a variety of conditions, which qualifies him for filling a productive position while gaining further on-the-job experience.

In order to maintain a capability for radiological monitoring at meat slaughtering and processing plants, personnel of the Division are continually being trained as radiological monitors. Approximately 1,000 trained monitors operate 548 monitoring stations. There are 135 employees of the Division who are now qualified as monitoring instructors.

The Federal-States Relations office developed proposed new regulations and a proposed memorandum of understanding as a working agreement with the States interested in a cooperative Federal-State meat inspection program. This

resulted from the enactment of Public Law 87-718 which calls for "Further cooperation with States in the administration and enforcement of certain Federal laws." There was furnished to the States background information on Federal-State cooperation, copies of model State meat inspection laws, and Meat Inspection Division training booklets. Six States have received direct assistance in training from the Division by sending State personnel to Federal establishments and offices for on-the-job training with Meat Inspection personnel.

Over 1,000 copies of an ARS study entitled "A review of Certain Aspects of State and Federal Meat Inspection Services and Procedures" have been distributed to State administrators of meat hygiene programs, college instructors, consumers, and others who have requested information about State and Federal meat inspection.

The Labels and Standards staff approved 51,359 new labels and sketches for proposed labels for use at inspected establishments and 1,177 labels for meat and meat-food products intended for importation. Because they did not comply with labeling requirements, approval was withheld from 2,485 labels and sketches.

During the fiscal year, 149 requests were received to examine food articles prepared with meat and/or meat byproducts to determine if they were meat-food products and amenable to the Federal Meat Inspection Act and Regulations if offered for sale in interstate or foreign commerce. A number of new products were developed during the year. This required surveys to obtain information which was used in establishing standards of composition before labels for these new products could be approved.

The taste-testing panel determined the appropriateness of numerous meat product label claims for flavors, tenderness, and similar qualities.

The Planning and Appraisal staff distributed more than 226,000 pamphlets, leaflets and bulletins during the fiscal year to inform the public of our activities. The film, "Your Meat Inspection Service" was released for approximately 76 television showings and 1,682 public showings. A new film entitled "A Mark of Wholesome Meat" was released in February and presented at about 831 public showings and 18 television showings. Meat Inspection exhibits were presented at 14 public gatherings including fairs, National conventions, and meetings held during the fiscal year in all parts of the United States.

The Planning staff provided guidance in developing (a) teaching formats for the Meat Hygiene Training Center, (b) a program for the review of foreign meat inspection systems, and (c) a plan for scheduling Meat Inspection Division exhibits. It continued in selecting and arranging information for long-range planning and control so as to form a system of reports that will give management the key facts needed for decisions -- underscoring particularly the exceptions or abnormal situations needing management's attention.

The Appraisal team conducted a general review of 15 Meat Inspection stations, stressing manpower utilization.

The Plants and Equipment staff reviewed drawings and specifications for 1,467 projects, involving new or remodeled slaughtering and meat-processing plants, to determine conformity with Federal construction and equipment standards. This is a new record, exceeding the number in the next highest year by 256 projects. Plans for 330 projects were not approved. The 1,137 approved projects represent approximately \$82,500,000 in building and equipment costs. Plans for 214 new establishments were approved. This is also a record exceeding the previous high established in Fiscal Year 1963 by 22 plants. Of the new plants, 81 are located in towns or cities without establishments already operating under inspection.

An important change in plant facilities and procedures during the fiscal year involved the rapid adoption of a mechanical hide-stripping system in cattle slaughtering plants. Nearly all plans submitted for new cattle slaughtering layouts included an effective mechanical hide-stripping device in connection with "on the rail" dressing facilities. Numerous existing inspected plants replaced conventional equipment with the improved hide-removal equipment during the year.

A new and more efficient system of presenting hog heads, carcasses, and viscera for inspection developed by the Plants and Equipment staff was installed in a plant during the year. Results obtained were excellent. The new facilities have already been approved for other establishments, and it is expected that most new hog slaughtering plants will use similar equipment.

Meat processing plants continued to shift rapidly to more efficient, highly mechanized equipment permitting high speed production with a minimum of personnel. Such equipment is designed to assure ease of sanitary maintenance.

The Procedures and Requirements staff issued 127 certificates of exemption from Federal meat inspection to qualified retail meat dealers and retail butchers. The holders of these certificates may ship nonfederally inspected meat and meat-food products in interstate commerce to consumers only. Eighty-three certificates were canceled. There were 793 certificates of exemption outstanding at the close of the fiscal year.

During the fiscal year, over 100 million animals or about 96 percent of all animals slaughtered in federally inspected establishments were slaughtered humanely. This was accomplished in about 540 official establishments. Through a monthly reporting system by field veterinarians and by a public announcement in the Federal Register, carcasses of all humanely slaughtered animals were appropriately identified. During the fiscal year, a Division representative met with the Secretary's Humane Slaughter Advisory Committee. The Committee recommended an amendment redefining the general facility requirements for carbon dioxide chambers. This change relieved restrictions, but retained the high standard of humane handling of animals.

Identification service is offered to applicants on a voluntary, reimbursable basis under terms of the Agricultural Marketing Act of 1946. This service provides for maintaining the identity of product as U.S. Inspected and Passed when it is divided, repackaged, or relabeled under Division supervision at a location outside of an official establishment. A total of 385 individuals and firms have been authorized to receive identification service at 45 Meat Inspection stations.

Animal foods inspection was conducted in 12 plants located in 12 cities. Production of certified canned food and canned or fresh frozen food component was 288,937,116 pounds.

Eighteen establishments operate under the Food Inspection Service at 13 Meat Inspection stations. This provides for the voluntary inspection of foods containing meat or meat food products that are not classified as meat food products under the Meat Inspection law and is performed on a reimbursable basis.

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The number of meat inspectors assigned to a meat packing plant depends on the kind of meat packing operations--whether slaughtering of food animals or processing of meat-food products or both--and on the size and volume of the plant. The inspection organization in the slaughtering department provides examination of each animal before slaughter and of the carcass of the animal during the various steps that are referred to as the dressing operation. The examination made of the animal before slaughter is called the antemortem inspection. Only those animals found to be normal and healthy at the time of inspection are passed for slaughter. Abnormal animals are handled separately--some are condemned outright. Where the abnormality is slight, the animal is given special handling to guard against unfit meat getting into the food supply. These animals are called suspects.

In a small plant the animal that is passed for slaughter is given a thorough examination by a single inspector. In a large plant, with high production, the inspection routine is broken down into specialized techniques; each assigned to a separate inspector. This examination is called the postmortem inspection. Here, again, some carcasses are condemned outright if they show any condition that makes them unfit for human food. With some carcasses, only partial condemnation is required. In addition to disposing of carcasses according to condition, the dressing operation involves a separation of the inedible portion of the carcass (such as the hide, intestines, stomach, and paunch contents) from the edible portions of the carcass, such as the liver and sweetbread, and the familiar meaty portion of the carcass.

The inspection routines require manual handling and close scrutiny by the inspector of areas of probable abnormalities as glands, organs, and muscle tissues. An important part of the inspection routine is the supervision given the total dressing process. This assures that there is no contamination of the edible portions of the carcass in the separation and removal of the inedible portions and materials.

By contrast with the inspection organization in the slaughtering department, where we find inspection positions integrated in the production line, the organization of the inspection in the meat processing departments provides a more general inspection control. Even so, the so-called processing inspector plans his inspection coverage in a way that assures that meat-food products are prepared and handled in a sanitary environment. He sees that in their formulation only approved, safe ingredients are used, and that the relative amounts of ingredients in a particular product are normal for the product. This guards against adulteration of the meat product even with extensive amounts of harmless additives. The inspector also exercises a label control that assures the use of only those labels that have been approved for a particular product.

An inspected establishment is permitted to process meat products only under inspection control. The inspector makes a sanitary survey of the processing department before operations commence. He has available both chemical and biological laboratory facilities for examining samples of materials that may come in contact with the food as well as materials that are used as ingredients of the food. These range from detergents used for clean-up operations to curing materials, spices, and flavorings. The inspector rejects such materials when they do not pass inspection and requires them to be removed from the plant.

The inspector supervises the formulation and preparation of the great variety of meat-food products including the full range of canned meats, sausage products, and meat specialties. This assures that these products are made according to standards that specify a level of meat content consistent with consumer expectancy. Those meat products that pass the inspection are identified with the marks of inspection before they are shipped from the plant. When a meat product does not conform with the requirements on composition or labeling, it is identified "U.S. Retained" by the inspector and either brought into compliance or destroyed. Where the meat product has become unfit for food, it is condemned, and destroyed for human food.

The tables that follow relate to the findings and volume of the inspection activity in the various categories that make up the total Federal Meat Inspection program.

Table 1. Antemortem and Postmortem Inspection of Animals, Fiscal Year 1964

Kind of Animal:	Antemortem Inspection			Postmortem Inspection		
	Passed	Suspected	Condemned	Total	Passed	Condemned
	1/	2/				2/
Cattle.....	23,110,737	90,511	2,382	23,203,630	23,138,594	62,360
Calves.....	4,537,643	2,895	1,202	4,541,740	4,521,624	18,806
Sheep.....	13,700,178	3,278	842	13,704,298	13,630,656	72,731
Goats.....	173,800	105	9	173,914	172,903	999
Swine.....	72,116,796	38,305	998	72,156,099	72,035,575	119,260
Horses 3/.....	37,893	499	55	38,447	38,095	297
Total.....	113,677,047	135,593	5,488	113,818,128	113,537,447	274,453
			4/			113,811,900

1/ "Suspected" is used to designate animals suspected of being affected with diseases or conditions that may cause condemnation in whole or part on special postmortem inspection.

2/ For causes and additional condemnation, see tables 2 to 6, inclusive.

3/ Horses are slaughtered and their meat handled and prepared in establishments separate and apart from those in which cattle, calves, sheep, goats, and swine are slaughtered and their meat handled and prepared.

4/ Includes 741 previously suspected animals that died in pens.

Table 2. Number of Animals Condemned for Various Diseases and Conditions on Antemortem Inspection, Fiscal Year 1964

Cause of Condemnation	:	:	:Sheep	:	:	:
	:Cattle	:Calves	and	:Goats	:Swine	:Horses
			:Lambs			
Degenerative and dropsical conditions:						
Anasarca.....	11	:	1			
Emaciation.....	36	:	5	8		5
Miscellaneous.....	12	:				1
Infectious Diseases:						
Hog Cholera.....		:				91
Leptospirosis.....		:				1
Listerellosis.....	10	:	3			
Mucosal Diseases.....	2	:				
Swine Erysipelas.....	2	:				5
Vesicular Diseases.....	1	:				
Miscellaneous.....	4	:	1			12
Inflammatory Diseases:						
Enteritis, Gastritis, Peritonitis.....	6	:	4			1
Mastitis.....	19	:				
Metritis.....	11	:				3
Nephritis.....	1	:				1
Pericarditis.....	20	:				
Pneumonia.....	35	:	10	10		10
Miscellaneous.....	6	:	1			2
Neoplasms:						
Carcinoma.....	8	:				
Epithelioma.....	932	:				
Malignant Lymphoma.....	2	:				
Parasitic Conditions:						
Miscellaneous.....		:				1
Septic Conditions:						
Abscess or Pyemia.....	3	:	3		1	43
Septicemia.....	11	:	3	2		4
Toxemia.....	5	:				
Miscellaneous.....	1	:				2
Arthritis.....	7	:	3			41
Icterus.....	1	:	1			
Immaturity.....		:	28			
Injuries.....	10	:	4	7		3
Moribund.....	770	:	1011	613	5	377
Pyrexia.....	125	:	22	84		115
Skin Conditions.....	1	:				
Suspect Died in Pens.....	295	:	108	69	3	266
Tetanus.....	8	:	1			3
Uremia.....	11	:		42		1
Miscellaneous General.....	19	:	1			10

Total . . . . . : 2382 1202 842 9 998 55

Table 3. Number of Carcasses Condemned for Various Diseases and Conditions on Postmortem Inspection, Fiscal Year 1964

Cause of Condemnation	Number of Carcasses of					
	Cattle	Calves	Sheep and Lambs	Goats	Swine	Horses
<b>Degenerative and dropical conditions:</b>						
Anasarca.....	1,141	32	60	2	52	
Emaciation.....	4,880	2,548	16,057	387	657	35
Miscellaneous.....	596	50	154		309	9
<b>Infectious diseases:</b>						
Actinomycosis and actinobacillosis.....	715	7				
Anaplasmosis.....	227	6				
Anthrax.....					7	
Blue tongue.....			3			
Brucellosis.....					3	
Caseous lymphadenitis.....			18,141	234		
Hog cholera.....					609	
Johnes disease.....	2					
Leptospirosis.....	7				9	
Listerellosis.....	1					
Mucosal diseases.....	2					
Necrobacillosis and necrosis.....	86	3			9	
Piroplasmosis.....	1					
Swine erysipelas.....					2,267	
Tuberculosis nonreactor.....	66					5,527
Tuberculosis reactor showing lesions.....	155	9				
Vesicular diseases.....	1					
Miscellaneous.....	20	5	15		56	
<b>Inflammatory diseases:</b>						
Enteritis, gastritis, peritonitis.....	3,918	3,164	658		7,197	9
Mastitis.....	1,036		14		49	1
Metritis.....	1,903	8	352	7	1,004	3
Nephritis.....	2,491	281	556	4	2,651	1
Pericarditis.....	4,904	72	188		1,195	
Pneumonia.....	7,644	3,834	13,409	163	18,884	90
Miscellaneous.....	683	202	245	2	615	4
<b>Neoplasms:</b>						
Carcinoma.....	2,107	14	24		234	22
Epithelioma.....	4,721	2			2	
Malignant lymphoma.....	3,946	141	56	2	1,329	
Sarcoma.....	256	3	35	2	141	9
Miscellaneous.....	1,025	17	70	6	762	6
<b>Parasitic conditions:</b>						
Cysticercosis.....	118	13	643		1	
Stephanuriasis.....					1,586	
Miscellaneous.....	1,410	8	7,977		20	
<b>Pigmentary conditions:</b>						
Melanosis, non-malignant.....	31	35	75	1	305	30
Miscellaneous.....	157	11	27		56	31
<b>Septic conditions:</b>						
Abscess or pyemia.....	6,832	727	2,086	83	23,937	9
Septicemia.....	4,338	2,067	1,295	36	8,406	14
Toxemia.....	1,019	96	189	4	1,511	
Miscellaneous.....	46	11	9		136	
Arthritis.....	604	1,349	2,274	11	14,795	
Asphyxia.....	24	21	76		2,305	
Bone conditions.....	22	2	1		124	
Contamination.....	30	13	48	2	3,561	1
Icterus.....	290	1,653	3,062	16	13,292	
Immaturity.....		1,422	2	1	49	
Injuries.....	2,889	869	1,807	26	3,796	22
Pregnancy advanced or recent parturition.....	82		168	2	83	
Sexual odor.....					521	
Skin conditions.....	7	6	4		82	
Uremia.....	1,438	97	2,535	8	982	
Miscellaneous general.....	489	8	416		144	
Total. . . . .	62,360	18,806	72,731	999	119,260	297

Table 4. Number of Carcasses Retained for Various Diseases and Conditions but Passed for Food  
After Removal of Affected Parts,  
Fiscal Year 1964. Does not include those reported in Table 3.

Causes of Retention	Number of Carcasses of					
	Cattle	Calves	Sheep		Swine	Horses
			Lambs	and		
Degenerative and dropsical conditions:	:	:	:	:	:	:
Anasarca.....	125:	3:	:	:	2:	
Miscellaneous.....	893:	22:	28:	:	90:	
Infectious diseases:	:	:	:	:	:	
Actinomycosis and actinobacillosis.....	295,880:	3,633:	:	:	7:	
Anaplasmosis.....	88:	22:	:	:	:	
Blue Tongue.....	:	:	129:	:	:	
Brucellosis.....	:	:	:	:	163:	
Caseous lymphadenitis.....	:	:	97,521:	9,242:	:	
Coccidioidal granuloma.....	11,352:	24:	:	:	:	
Johnes disease.....	30:	:	:	:	:	
Leptospirosis.....	30:	:	:	:	20:	
Mucosal diseases.....	35:	:	:	:	:	
Necrobacillosis and necrosis.....	213:	4:	:	:	76:	
Pin point glands.....	:	:	:	:	67,254:	
Tuberculosis nonreactor.....	388:	10:	:	:	1,452,466:	
Tuberculosis reactor showing lesions....	1,178:	32:	:	:	:	
Tuberculosis reactor showing no lesions..	3,881:	103:	:	:	:	
Vesicular disease.....	1:	:	:	:	:	
Miscellaneous.....	341:	2:	16:	:	143:	
Inflammatory Diseases:	:	:	:	:	:	
Enteritis, Gastritis, Peritonitis.....	766:	381:	20:	:	1,155:	213
Mastitis.....	3,686:	:	29:	:	43:	
Metritis.....	996:	1:	4:	:	28:	2
Nephritis.....	1,253:	427:	16:	:	1,625:	19
Pericarditis.....	1,227:	76:	67:	:	642:	16
Pneumonia.....	51,851:	25,888:	31,669:	209:	48,004:	730
Miscellaneous.....	388,540:	16,178:	136,498:	1,836:	508,968:	439
Neoplasms:	:	:	:	:	:	
Carcinoma.....	447:	1:	10:	:	170:	
Epithelioma.....	74,170:	67:	:	:	7:	
Miscellaneous.....	580:	8:	59:	:	250:	5
Parasitic Conditions:	:	:	:	:	:	
Cysticercosis.....	10,052:	25:	19,373:	:	:	
Cysticercosis (Refrigeration).....	3,861:	11:	:	:	:	
Stephanuriasis.....	:	:	:	:	94,170:	
Miscellaneous.....	2,957:	2,328:	14,568:	:	9:	
Pigmentary Conditions:	:	:	:	:	:	
Melanosis Non-Malignant.....	260:	97:	300:	:	1,237:	761
Miscellaneous.....	673:	3:	471:	:	456:	3
Septic Conditions:	:	:	:	:	:	
Abscess.....	341,473:	15,923:	37,182:	1,328:	4,088,681:	4,393
Miscellaneous.....	67:	:	:	:	1,023:	
Other:	:	:	:	:	:	
Arthritis.....	70,845:	8,946:	39,946:	244:	341,353:	739
Bone conditions.....	639:	80:	23:	:	535:	
Contamination.....	141,621:	36,110:	73,755:	35:	301,763:	1,945
Icterus.....	17:	27:	167:	:	71:	
Injuries.....	547,506:	48,448:	88,123:	445:	425,192:	2,238
Normal.....	7,458:	1,191:	1,573:	19:	9,381:	12
Pregnancy Advanced or Recent Parturition	1,230:	:	13:	2:	11:	
Sexual Odor.....	:	:	:	:	3,183:	
Skin conditions.....	55,403:	9,569:	12,166:	:	105,510:	2
Miscellaneous general.....	1,022:	15:	965:	:	1,081:	
Total.....	2,023,035:	169,655:	554,691:	13,360:	7,454,769:	11,517

Table 5. Number of Parts of Carcasses <sup>1/</sup> Condemned for Various Diseases and Conditions on Postmortem Inspection, Fiscal Year 1964

Cause of Condemnation	Parts of Carcasses of					
	Cattle	Calves	Sheep: and Lambs:	Goats:	Swine	Horses
	:	:	:	:	:	:
Degenerative and dropsical conditions:	:	:	:	:	:	:
Anasarca . . . . .	56	3	:	:	:	:
Miscellaneous . . . . .	547	1	25		2	:
Infectious diseases:	:	:	:	:	:	:
Actinobacillosis and actinomycosis . . . . .	228,367	3,307	:	:	:	:
Caseous lymphadenitis . . . . .			281		:	:
Coccidioidal granuloma . . . . .	41		:	:	:	:
Mucosal diseases . . . . .	34		:	:	:	:
Necrobacillosis and necrosis . . . . .	104	3	:	:	6	:
Tuberculosis nonreactor . . . . .	148	11	:		339,221	:
Vesicular diseases . . . . .	1		:	:	:	:
Miscellaneous . . . . .	275	1			25	:
Inflammatory diseases:	:	:	:	:	:	:
Miscellaneous . . . . .	1,854	19	137		179	18
Neoplasms:	:	:	:	:	:	:
Carcinoma . . . . .	321		:	:	1	:
Epithelioma . . . . .	73,593	67	:	:	:	:
Miscellaneous . . . . .	61	8	1		5	1
Parasitic Conditions:	:	:	:	:	:	:
Cysticercosis . . . . .	218	2	195		:	:
Stephanuriasis . . . . .			:		4,589	:
Miscellaneous . . . . .	547	12	6		9	:
Pigmentary conditions:	:	:	:	:	:	:
Melanosis non-malignant . . . . .	69	29			306	493
Miscellaneous . . . . .	568	2			406	:
Septic conditions:	:	:	:	:	:	:
Abscess . . . . .	65,822	6,740	318	205	2,787,864	4,168
Miscellaneous . . . . .	21		:		287	:
Arthritis . . . . .	2,832	217	3,177	24	15,962	5
Bone conditions . . . . .	144	20	2		330	:
Contamination . . . . .	58,898	18,158	18,848	18	216,193	58
Injuries . . . . .	15,270	1,537	3,309	12	90,412	318
Miscellaneous general . . . . .	256				22	:
Total . . . . .	450,047	30,137	26,299	259	3,455,819	5,061
	:	:	:	:	:	:

<sup>1/</sup> A part of a carcass refers to a separate portion, such as a head, a ham, or a shoulder.

Table 6. Cattle and Calf Livers Condemned for Various Diseases and Conditions on Postmortem Inspection

Fiscal Year 1964

Cause of Condemnation	:	Cattle Livers	:	Calf Livers
Abscess.....	:	1,876,218	:	24,229
Carotinosis.....	:	11,210	:	722
Cirrhosis.....	:	17,905	:	787
Contamination.....	:	30,269	:	2,279
Degenerative Conditions.....	:	11,435	:	1,006
Distoma.....	:	553,862	:	10,107
Echinococcus.....	:	1,731	:	63
Injuries.....	:	854	:	1,897
Melanosis.....	:	6,338	:	526
Other Parasitic Conditions.....	:	102,823	:	5,393
Sawdust.....	:	208,326	:	5,266
Telangiectasis.....	:	395,811	:	2,371
Tuberculosis.....	:	431	:	1
Miscellaneous.....	:	36,672	:	3,302
Total.....	:	3,253,885	:	57,949

Note: There were 4,383,626 pounds of sheep livers, 75,123 pounds of goat livers and 26,594,934 pounds of swine livers condemned.

Table 7. Meat and Meat-Food Products Prepared and Processed under Supervision,  
Fiscal Year 1964

Product	Pounds
Placed in cure:	
Beef .....	185,807,802
Pork .....	3,361,573,918
Other .....	3,528,020
Smoked and/or dried:	
Beef .....	56,652,409
Pork .....	2,569,294,182
Cooked meat:	
Beef .....	55,887,247
Pork .....	243,811,649
Other .....	5,211,325
Sausage:	
Fresh finished .....	294,934,273
To be dried or semi-dried .....	151,014,618
Frankfurters, wieners .....	761,342,568
Other .....	753,684,478
Loaf, head cheese, chili con carne .....	235,456,514
Steaks, chops, roasts .....	746,885,013
Meat extract .....	1,552,905
Sliced bacon .....	1,145,427,788
Sliced other .....	432,970,834
Hamburger .....	331,788,070
Miscellaneous meat product .....	387,145,249
Lard:	
Rendered .....	2,048,887,406
Refined .....	1,356,074,724
Oleo stock .....	65,631,534
Edible tallow .....	537,910,852
Pork fat rendered .....	91,926,749
Pork fat refined .....	42,917,094
Compound containing animal fat .....	921,047,442
Oleomargarine containing animal fat .....	177,130,881
Canned products .....	2,667,010,310
Horse meat products:	
Cured .....	177,100
Chopped .....	3,134,793
Canned horse meat .....	10,417,639
Total .....	19,646,235,386* <u>1/</u>
Boning:	
Beef boning .....	3,415,762,493
Pork cut .....	11,482,554,652
Other boning .....	<u>1,120,791,805</u>
Total .....	16,019,108,950*
Grand Total .....	35,665,344,336**

1/ This figure represents inspection pounds. Some of the products may have been inspected and recorded more than once on account of their having been subjected to more than one processing treatment, such as curing, smoking, and slicing.

Table 8. Meat and Meat-Food Products Canned Under Federal Inspection, Fiscal Year 1964

Product	Quantity (pounds)	3 pounds or over (pounds)	Under 3 pounds (pounds)
Luncheon meat . . . . .	333,128,433	140,318,899	192,809,534
Canned hams (whole or fractional) . . . . .	325,918,080	320,414,240	5,503,840
Beef hash . . . . .	74,488,317	5,936,346	68,551,971
Chili con carne . . . . .	171,286,331	11,822,495	159,463,836
Viennas . . . . .	66,803,902	2,644,460	64,159,442
Frankfurters or wieners in brine or sauce . . . . .	2,537,692	2,296,406	2,241,286
Deviled ham . . . . .	9,505,991		9,505,991
Other potted deviled meat food products . . . . .	36,807,141	3,003	36,804,138
Tamales . . . . .	37,802,991	2,982,379	34,820,612
Sliced dried beef . . . . .	2,212,573	257,334	1,955,239
Chopped beef . . . . .	13,095,018	49,830	13,045,188
Meat stew (all types) . . . . .	144,115,348	4,198,749	139,916,599
Spaghetti meat products (all types) . . . . .	118,406,665	3,706,816	114,699,849
Tongue (not Pickled) . . . . .	1,523,424	525,348	998,076
Vinegar pickled products . . . . .	25,676,005	9,993,713	15,682,292
Sausage . . . . .	5,648,496	21,289	5,627,207
Hamburger, roasted or corned beef, meat and gravy . . . . .	103,039,301	12,914,668	90,124,633
Soups . . . . .	588,986,923	33,515,134	555,471,789
Sausage in oil . . . . .	10,635,048	4,821,217	5,813,831
Tripe . . . . .	5,016,562	131,100	4,885,462
Brains . . . . .	2,022,516		2,022,516
Canned loins and picnics . . . . .	35,848,068	33,581,405	2,266,663
All other products containing:			
20% or more meat and/or meat byproducts . . . . .	146,170,654	19,227,012	126,943,642
Less than 20% . . . . .	283,152,130	12,488,865	270,663,265
Total . . . . .	2,543,827,609	619,850,708	1,923,976,901

1/ Canned product less product for Department of Defense.

Table 9. Meat and Meat-Food Products Condemned on Reinspection and Destroyed, Fiscal Year 1964

Cause	Beef <sup>1</sup>	1 Veal <sup>2</sup>	1 Mutton & Lamb	1 Goat	Total	Ices	Horse	Grand
	(pounds)	(pounds)	(pounds)	(pounds)	Pork	(pounds)	Meat	Total
Tainted, sour, or putrid.....	3,523	42,039	71,337	1,323	6,370	472	10,008	546
Rancid.....	236,389	932	2,065	1,223	398	124	657	910
Moldy or foreign odors.....	591,467	3,085	5,832	465	750	174	1,351	303
Unsound canned goods.....	424,774	379	7,853	278,476	711	452	477	1,02
Unclean or contaminated.....	4,569,663	215,228	14,796	18,488	4,736	494	9,681	669
Miscellaneous.....	248,799	2,525	16,750	40	211	839	473	523
Total.....	9,614,917	264,158	245,633	20,316	12,745,889	22,230	313	1,043,891
								23,936,874

Table 10. Materials Other than Meat Rejected for Use, Fiscal Year 1964

Product	CAUSE OF REJECTION								Total
	No noncompliance with Federal regulations	Contamination	Odor, color, or taste	Sour and/or moldy	Unsound canned goods	Unacceptable equipment	Miscellaneous		
Spices and seasoning.....	13,420	210	1,520	1,520	4,872	4,000	7		
Flour and grain.....	6,215	62,150	300	39,670		160			
Dairy and egg products.....	9,664	1	3,923	900	23,233	24			
Fruits and vegetable s.....	400	1	5,366	3,656	20,405	15,980			
Soaps, oils and cleaners.....	20,763	18	49,482	1,953					
Equipment.....	2,103	63,859	1,501	821					
Casings.....	1,409	3,689	6,823	3,304	541	754			
Curing agents.....	12,820	2	26,834	430	1,268	423	6,986		
Miscellaneous.....	6,495	2	44,877						
Total.....	71,890	63,428	506,680	7,635	17,753	541	88,885	61	23,157
									289,176,394
									255,261

Materials rejected for use which are listed above were either removed from the establishments, returned to the supplier, destroyed by the establishments, or held for Food and Drug Administration, or other health authority depending upon the cause of rejection.

Table 11. Foreign Meat and Meat Food Products Passed for Entry, Fiscal Year 1954

Country of Origin	Fresh meats and edible organs			Cured meats			Canned meats			Sausage			Cooked (trichina: Beef			Missel- laneous:			Horse Meat			Total		
	Beef (pounds)	Meat and Lamb (pounds)	Organ (pounds)	Pork (pounds)	Beef (pounds)	Pork (pounds)	Beef (pounds)	Fork (pounds)	Other (pounds)	Cooked (pounds)	Beef (pounds)	Lanous (pounds)	Meat (pounds)	Meat (pounds)	Horse Meat (pounds)	Meat (pounds)	Horse Meat (pounds)	Meat (pounds)	Horse Meat (pounds)	Total				
Argentina.....	544,447,517,48,536,106;	1,800	152,909	:68,422,361	215,686	:8,702,299,5	863,034,13,394;294	2,692	48	370,525	4,13,651	594,	597,201,183	380,399	594,	597,201,183	380,399	594,	597,201,183	17,306				
Australia.....	544,447,517,48,536,106;	50,169	557,891	789;	1,731	14,786;	370,525	413,651	114;	2,672,250	1,080;	11,927,650	11,927,650	11,927,650	11,927,650	11,927,650	11,927,650	11,927,650	11,927,650					
Austria.....	21,072,932;	688,838,38,943,272	152,650	8,174,861	3,442,921	197,277;	379,194;	2,572,4,	274,585;	6,428224	63,750,492	1,229,149	1,229,149	1,229,149	1,229,149	1,229,149	1,229,149	1,229,149	1,229,149					
Belgium.....	18,958,155;	117,383;	206,438;	1,229,784;	9,465;	65,437,461,17,	512,006;	3,439,369;	3,426;	23,028;	156;	76,716,083	76,716,083	76,716,083	76,716,083	76,716,083	76,716,083	76,716,083	76,716,083					
Brazil.....	575;	1,136;	2,250;	13,487	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;	1,136;					
Canada.....	13,605,192;	197,185;	358;	494,891;	42,950;	42,950;	42,950;	42,950;	42,950;	330,021;	330,021;	330,021;	330,021;	330,021;	330,021;	330,021;	330,021;	330,021;	330,021;					
Czechoslovakia.....	3,155,741;	97,550	97,550	19,166	230,374;	23,100;	40,513,429;	387,200;	106,116;	726;	352;	8,434;	217,784;	217,784;	217,784;	217,784;	217,784;	217,784;	217,784;					
Denmark.....	9,925,379;	19,950;	23,100;	40,513,429;	387,200;	106,116;	2,400;	2,400;	2,400;	1,176;	2,118;	664,009,1,055,153;	631,314;	631,314;	631,314;	631,314;	631,314;	631,314;	631,314;					
Dominican Republic.....	2,203,580;	661,107;	182,345;	664,009,1,055,153;	664,009,1,055,153;	664,009,1,055,153;	664,009,1,055,153;	664,009,1,055,153;	664,009,1,055,153;	2,646;	2,646;	9,408,316;	9,408,316;	9,408,316;	9,408,316;	9,408,316;	9,408,316;	9,408,316;	9,408,316;					
Iceland.....	60,923,179;	14,216;	88,322	444;	98,995;	182,345;	182,345;	182,345;	182,345;	21,842;	21,842;	28,000;	28,000;	28,000;	28,000;	28,000;	28,000;	28,000;	28,000;					
Japan.....	17;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	4,408;	4,408;	41,	41,	41,	41,	41,	41,	41,	41,					
Mexico.....	62,165,968	90,305;	90,305;	90,305;	90,305;	90,305;	90,305;	90,305;	90,305;	2,113;	2,113;	2,113;	2,113;	2,113;	2,113;	2,113;	2,113;	2,113;	2,113;					
Nicaragua.....	23,205,270;	814,118;	814,118;	814,118;	814,118;	814,118;	814,118;	814,118;	814,118;	23,205;	23,205;	23,205;	23,205;	23,205;	23,205;	23,205;	23,205;	23,205;	23,205;					
Northern Ireland.....	284,941;	39,630	39,630	39,630	39,630	39,630	39,630	39,630	39,630	12,425,991	30,400,938,11,013,926;	4,408;	4,408;	4,408;	4,408;	4,408;	4,408;	4,408;	4,408;					
Norway.....	229,986,804,11,767,395;	203,405;	203,405;	203,405;	203,405;	203,405;	203,405;	203,405;	203,405;	124,736	124,736	65,802;	65,802;	65,802;	65,802;	65,802;	65,802;	65,802;	65,802;					
New Zealand.....	3,940	1,180;	1,180;	1,180;	1,180;	1,180;	1,180;	1,180;	1,180;	16,576,883;	142,501;	11,351;	11,351;	11,351;	11,351;	11,351;	11,351;	11,351;	11,351;					
Panama.....	64,897	41;	16,576,883;	16,576,883;	41;	6,058,273	184,188;	4,150;	4,150;	317,512;	317,512;	1,127,260;	1,127,260;	1,127,260;	1,127,260;	1,127,260;	1,127,260;	1,127,260;	1,127,260;	1,127,260;				
Paraguay.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Poland.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Scotland.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Spain.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Sweden.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Switzerland.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Uruguay.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Yugoslavia.....	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;	1,125;					
Total.....	988,551,773,61;	667,662,39,073,024;	736,974;	9,003,102,207,587,563;	148,381;	811,028,89,064;	4,915,916,11,750,	29,114,77,115,29,680,834;	1,433,395,130	:	:	:	:	:	:	:	:	:	:					

Table 12. Foreign Meat and Meat-Food Products Refused Entry and/or Condemned, Fiscal Year 1964

Country of Origin	Fresh meats and edible organs			Cured meats			Canned meats			Sausage			Cooked (trichinae treated)			Miscellaneous			Horse meat			Total			
	Beef and Veal	Mutton and Lamb	Pork	Beef	Pork	Beef	Pork	Other	Beef	Pork	Other	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	
Argentina.....	2,134:	213,173:	350									914,479:	10,472:	13,069:	6,600	28,824:	3,170:	384,915:	1,347,027						
Australia.....																41,025:									3,918,060
Belgium.....																									54
Brazil.....																									655,875
Canada.....	310,618:	30,598:	217,503		10,000:	4,885:	43,775:	21,438:				6,401		602,100:		3,897:	70,050:								655,390
Costa Rica.....	220,575:																								220,575
Czechoslovakia.....																									7,103
Denmark.....																									315,121
England.....																									3,597
France.....																									45,467
Germany.....																									20,197
Guatemala.....	23,690:																								23,690
Haiti.....	1,730:																								1,730
Holland.....																									479,388
Honduras.....	28,235:																								28,235
Iceland.....																									50,681
Ireland.....	526,606:	27,600:																							558,760
Italy.....																									15,523
Mexico.....	701,020:																								1,073,623
New Zealand.....	805,032:	361,969:	6																						1,167,141
Nicaragua.....	281,288:																								282,498
Northern Ireland.....	437,330:																								438,162
Norway.....	11,571:																								13,971
Panama.....	52,214:																								52,214
Paraguay.....																									511,502
Poland.....																									73,887
Spain.....																									1,652
Sweden.....																									8,066
Switzerland.....																									583
Uruguay.....																									583,682
Yugoslavia.....																									69,429
Total.....	5,531,082:	2203,198:	218,341:	44,866:	35,810:	2,079,357:	152,424:	34,032:	626,924:	55,288:	824,086:	12,631,983:													

Note: The figures in Tables 11 and 12 do not represent the quantity of duty-paid product entered for consumption during the fiscal year. They reflect the amounts of imported product inspected and on which the disposition was completed during this period.

Table 13. Quantity of Meat and Meat-Food Products, Inedible Products, and Casings Certified for Export, Fiscal Year 1954

Country of Destination	Beef and/or Veal			Mutton and/or Lamb			Pork			Miscel- laneous	
	Smoked & Cured	Eatable Organic	Miscel- laneous	Fresh (pounds)	Cured (pounds)	Smoked & Eatable Organic	Miscel- laneous	Fresh (pounds)	Smoked & Cured (pounds)	Edible Organs (pounds)	
Africa, Other.....	126,052:	20,653:	8,376:	15,760:	9,151:	85,525:	2,905:	1,349:	39,342:	55,775:	51,659:
U.A.R. Egypt.....	104:	8,309:	819:	121,570:	660,855:	8,542:	6,016:	19,104:	58,703:	110,018:	21,769:
Asia, Other.....	41,895:	3,069:	1,728:	3,077:	1,451:	488:	589:	138,854:	127,354:	11,011:	153,380:
Hong Kong.....	73,041:	7,039:	290,205:	227:	639,129:	560,296:	44,773:	295:	22,172:	80,119:	2,430,995:
Japan.....	19,340:	7,073:	560,296:	69,066:	639,129:	12,715:	44,773:	669,322:	41,892:	76,275:	79,595:
Philippines, Other.....	3,812:	275:	3,436,886:	4,717:	4,717:	4,625:	4,625:	4,649,737:	11,924:	978:	27,832:
Caribbean, Other.....	57,912:	11,040:	4,348:	30,207:	30,207:	16:	16:	37,466:	111,765:	26,274:	3,643:
Cuba.....	24,182:	11,826:	2,007:	98,124:	3:	3:	3:	114,141:	39,812:	6,320:	6,105,156:
Dominican Republic.....	1,118:	1,118:	1,118:	1,118:	1,118:	1,118:	1,118:	1,118:	1,118:	1,118:	6
Haiti.....	342:	423,228:	14,500:	1,596,624:	16,000:	16,000:	16,000:	16,000:	16,000:	16,000:	4,471:
Denmark.....	28:	28:	100:	54:	320:	8,720:	8,720:	446,134:	5,040:	15,422,866:	15,000:
France.....	1,726,969:	24,269:	29,251,360:	28,735:	2,719,395:	35,872:	34,050:	34,050:	188,360:	18,954,363:	37,818:
Germany, West.....	13,584:	97,296:	1,879:	3,282,651:	37,756:	49,922:	62,975:	62,975:	93,751:	37,275:	2,970:
Italy.....	2,036,416:	10,478:	4,407:	10,478:	4,407:	4,407:	4,407:	4,407:	3,866:	44,071:	615:
Netherlands.....	35,300:	64,750:	100,533:	1,554:	1,554:	1,554:	1,554:	1,554:	242,16,125:	875:	44,899:
Norway.....	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	10,227:	:	25,956:
Portugal.....	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	1,554:	3,307,846:	:	259,371:
Spain.....	129,840:	65:	3,349,494:	9,913:	4,738:	4,738:	4,738:	4,738:	3,176,054:	82,490:	4:
Sweden.....	12,021:	12,021:	129,22,453,588:	122,628:	98,336:	98,336:	98,336:	98,336:	9,305:	3,884:	72,720:
Switzerland.....	1,937,846:	70:	81,587:	78,907:	8,278:	89:	89:	89:	3,884:	72,720:	7,541:
United Kingdom.....	1,937,846:	165,007:	32,638:	479,060:	17,501:	26,173,626:	54,579,236:	54,579,236:	231,024:	3,318:	30,030:
Yugoslavia.....	138,399:	165,007:	611,413:	393,730:	446,992:	403:	50:	50:	353,048:	11,666:	2,917:
North America, Other.....	3,890,965:	12,820,930:	2,801,563:	446,992:	446,992:	446,992:	446,992:	446,992:	1,316:	204,281:	40,868:
Canada.....	71,507:	40,396:	1,343:	347:	347:	347:	347:	347:	130:	2,621:	6,156:
Mexico.....	4,516:	283,340:	322:	403:	403:	403:	403:	403:	50:	1,857,005:	2,939,383:
Oceania, Other.....	1,738,426:	1,343:	347:	347:	347:	347:	347:	347:	50:	1,857,005:	78,995:
Australia.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	214,165,4:
New Zealand.....	4,492:	12,082:	25,019:	1,011:	23,590:	30,000:	30,000:	30,000:	187,232:	553,522:	20,539:
South America, Other.....	37,811:	1,738,426:	1,343:	42:	42:	42:	42:	42:	187,232:	553,522:	20,539:
Argentina.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Brazil.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Paraguay.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Uruguay.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Venezuela.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Hungary.....	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	5,251:	20,539:
Total.....	:23,033,434:	:18,815,741:	:79,185,286:	:1,676,387:	:1,369,177:	:33,210,10,518,869:	:692,500:	:469:	:26,762,341:	:37,024,184,6,028:	:299:

Table 13. Quantity of Meat and Meat-Food Products, Inedible Products, and Casings Certified for Export, Fiscal Year 1964-Continued

Country of Destination	Products	(pounds)	Other Meat	Total (pounds)	Other Edible Fats/Oils	Total (pounds)	Meat-Food Products	Fresh (pounds)	Cured (pounds)	Edible/Miscel- laneous (pounds)	Inedible Products	Casings (pounds)	Horse Meat (pounds)	Country Total
Sausage	Canned	140,152:	150,450:	50,548:	1,227,990:	1,227,990:								
Luncheon Meat	Pork Fat	1,314:	92,637:	92,637:										
Products	(pounds)	3,054:	392:	37,097:	15,277,814:	15,277,814:								
Africa, Other.....	548,216:	140,152:	1,314:	92,637:	49,196:	1,867,626:	240:	25,678,487:	5,255:	25,678,487:	11,020:			
U.A.R. Egypt.....	13,412:	1,314:	624:	206:	76,273:	981:	197,451:	197,451:	197,451:	197,451:				
Asia, Other.....	2,080,961:	1,314:	624:	206:	3,054:	392:	30,891:	21,027:	21,027:	21,027:				
Hong Kong.....	402,137:	76,273:	76,273:	981:	981:	981:	20,696:	21,4,546:	21,4,546:	21,4,546:				
Japan.....	300,891:	197,451:	197,451:	197,451:	296,540:	296,540:	196,513:	214,546:	214,546:	214,546:				
Philippines.....	629,013:	296,540:	296,540:	296,540:	20,696:	20,696:	196,513:	580,138:	26,933,910:	4,400:	4,400:			
Caribbean, Other....	1,788,900,1:	329,921:	966,737:	966,737:	52,400:	52,400:	52,400:	52,400:	52,400:	52,400:	52,400:			
Dominican Republic.	1,497,901:	44,508:	5,540:	5,540:	35,123:	6,792,223:	6,792,223:	68,383:	2,504:	1,808,645:	1,808,645:			
Haiti.....	67,214:	35,123:	6,792,223:	6,792,223:	1,6,557:	16,577,532:	16,577,532:	23,142,656:	7,075,610:	7,075,610:	7,075,610:			
Europe, Other.....	237,272:	957:	16,577,532:	16,577,532:										
Austria.....	648:	865,894:	1,498,325:	1,498,325:	10,059,377:	10,059,377:								
Belgium.....	2,970:	95,490:	10,200:	10,200:	66,192,609:	66,192,609:								
Denmark.....	93,007:	4,883:	10,200:	10,200:	59,981,460:	59,981,460:								
France.....	16,835:	1,693:	16,352,278:	16,352,278:	29,744:	29,744:								
Hungary.....			2,434,747:	2,434,747:										
Italy.....	36,318:	9,209:	18,000:	18,000:	4,127,270:	4,127,270:								
Netherlands.....	2,914:	17:	1,429,220:	1,429,220:	560,329:	42,446,550:								
Norway.....	36,987:	17:	3,367,350:	3,367,350:	641,130:	641,130:								
Portugal.....	5,252:		219,961:	219,961:										
Poland.....	33,197:		1,864,726:	1,864,726:										
Spain.....	317,378:	7,491:	1,331,584:	1,331,584:										
Sweden.....	56,397:	26:												
Switzerland.....	63,242:													
United Kingdom.....	1,256,344:	7,399,515:	781,625:	2,245,822:	22,591:	922,119:								
Yugoslavia.....			19,367,455:	19,367,455:										
North America, Other	1,314,328:	362,499:	6,661,258:	6,661,258:	106,948:	19,322,347:								
Canada.....	648,861:	187,775:	16,618,813:	16,618,813:	5,679,598:	10,417,524:								
Mexico.....	402,223:	138,958:	8,761,990:	8,761,990:	221,020:	19,816,905:								
Oceania, Other.....	129,874:	20,989:	2,220:	2,220:										
Australia.....	1,448:	69:	48:	48:										
New Zealand.....	289:	39:												
South America, Other	190,487:	40,414:	21,270,705:	21,270,705:	202,760:	24,310,644:								
Argentina.....	1,001:		1:	1:		1,044:								
Brazil.....			18,500:	18,500:		23,751:								
Paraguay.....	791:													
Uruguay.....	147:													
Venezuela.....	308,689:	18,784:	190,180:	190,180:	45,474:	147:								
Total.....	12,684,297,3,374,201:	640,983,210,11:	658,278,1:	658,278,1:	1,054:	679,983,180,651:	325,899,11,020:	756,27,021,410,18,638,972,1,100,858,691						

Table 14. Quantities of Meat and Meat-Food Products and Miscellaneous Products Examined for Specification Compliance and/or Condition for Other Government Agencies

Fiscal Year 1964

Branch of Government	Accepted	Rejected
Department of Agriculture:	:	:
AMS Meat Grading Branch . . . . .	2,020,213	93,222
Forest Service . . . . .	136,247	2,141
Agriculture Stabilization and Conservation Service . . . . .	363,087,238	1,104,589
Department of Interior:	:	:
Fish and Wildlife Service . . . . .	42,098	847
Bureau of Indian Affairs . . . . .	311,058	424
Department of Health, Education and Welfare:	:	:
Public Health Service . . . . .	1,171,198	10,103
Department of Justice:	:	:
Bureau of Prisons . . . . .	70,121	
U. S. Army	: 79,420,397	
Coast Guard . . . . .	: 3,707	
U. S. Navy . . . . .	: 39,744,900	: 1,079,106
General Services Administration . . . . .	: 1,552,728	: 52,743
Veterans Administration . . . . .	: <u>28,755,455</u>	: 254,633
Total . . . . .	: 516,315,360	: 2,597,808

Table 15. Shipments of Farm-Slaughtered Meat and Meat-Food Products,  
Fiscal Year 1964

Product	Quantity
Fresh Meats:	(pounds)
Beef . . . . .	98,900
Veal . . . . .	2,823
Mutton and Lamb. . . . .	5,425
Goat meat. . . . .	
Pork . . . . .	58,053
Cured meat, sausage and miscellaneous meat food products . . . . .	2,263,499
Total. . . . .	2,428,700

Table 16. Meat and Meat-Food Product Shipments by Retail Butchers  
and Retail Dealers under Certificates of Exemption,  
Fiscal Year 1964 1/

Product	Quantity
Fresh Meats:	(pounds)
Beef. . . . .	9,314,978
Veal. . . . .	412,214
Mutton and Lamb. . . . .	393,581
Goat Meat. . . . .	5,290
Pork. . . . .	1,346,670
Cured meat, sausage and miscellaneous meat food products. . . . .	10,091,803
Total . . . . .	21,564,536

1/ Under certain provisions of the Meat Inspection Law, shipments of meat of animals slaughtered by farmers on farms, and meats shipped by retail butchers and retail dealers supplying their customers outside of the State, are exempted from inspection although such shipments are required to be reported.

Table 17. Food Inspection Service, Fiscal Year 1964

Product	Quantity (pounds)
Meat flavored soups, etc.,.....	992,867
Beef bouillon cubes.....	11,730
Soup and gravy bases.....	779,466
Bakery products with meat ingredients.....	240,693
Total.....	2,024,756

Table 18. Identification Service, Fiscal Year 1964

Product	Quantity (pounds)
Beef .....	86,292,397
Veal .....	14,691,793
Mutton and lamb .....	471,639
Pork .....	22,829,964
Lard and Rendered Pork Fat .....	561,426,712
Miscellaneous .....	6,629,235
Total .....	692,346,740